

Corporate Research & Development **Detroit Center**

PROJECT REPORT

Project: Engineer:

5956-01 R. Markyvech

Sponsor: **Bud Cat:**

TCONA

03

TITLE:

AUTOSPLIT CONCEPT PROTOTYPE

Program Plan #128

Program Manager: D. Smedley

MAY 1994

OBJECTIVE

This project will design and build a concept prototype transmission to demonstrate the AutoSplit concept, based on the Super 10 transmission. The strategy used will be chosen to provide an operational prototype in a vehicle as soon as is feasible, and at the same time provide a prototype system utilizing the intended product hardware and software

WORK/PROGRESS/ACCOMPLISHMENTS LAST MONTH

The latest AutoShift system manager software was procured from TCONA as a bases for the AutoSplit system.

Modifications have been made in the following AutoShift modules:

CON 0 S.C96

Control output signals

PR S I S.C96

Process system input signals

DRL_CMDS.C96

Driveline commands (to engine)

SEQ_SHFT.C96

Sequence shift

SEL GEAR.C96

Select gear

A new module was written, (TRNS_ACT.C96), that monitors and controls the

A vehicle wire harness has been started and will be completed when the target vehicle

NEXT MONTH'S PLANS

Continue to develop software for the AutoSplit system.

Incorporate the CoRD software into the TCONA supplied executive shell and begin bench

Install the system in the lease vehicle.

cc: D. Smedley, T. Genise